

PATENT COOPERATION TREATY

From Japanese Patent Office
(INTERNATIONAL SEARCH AUTHORITY)

To: HAYASE, Kenichi HAYASE & CO. 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0003 JAPAN	<p style="text-align: center;">PCT</p> <p style="text-align: center;">WRITTEN OPINION OF THE ISA (PCT Rule 43bis)</p> <hr/> <p>Date of Mailing 08 February 2005</p>
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Applicant's or agent's file reference P36047-PC	See item 2 below for the subsequent procedure	
International application No. PCT/JP2004/019324	International filing date 24 December 2004	Priority date 24 December 2003
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁷ G03B21/00		
Applicant Matsushita Electric Industrial Co., Ltd.		

1. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 43.2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

OMISSION (2 and 3)

Date of completion of this opinion 20 January 2005	
Name and mailing address of the ISA/JPO Japanese Patent Office	Authorized officer Telephone No.

TRANSLATION of related part of Form PCT/ISA/237

WRITTEN OPINION OF THE ISA

International application No.
PCT/JP2004/019324

I. Basis of the opinion

1. This opinion has been drawn on the basis of the language of international application, unless otherwise indicated below.

OMISSION (2, 3, and 4)

WRITTEN OPINION OF THE ISA

International application No.
PCT/JP2004/019324

V Reasoned statement under Rule 43.2.1(a)(i) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement

1. STATEMENT

Novelty (N)	Claims 1-15	YES
	Claims NONE	NO
Inventive Step(IS)	Claims NONE	YES
	Claims 1-15	NO
Industrial Applicability (IA)	Claims 1-15	YES
	Claims NONE	NO

2. CITATIONS AND EXPLANATIONS

Document 1: JP 2003-279889 A

Document 2: JP 03-109591 A

Document 3: JP 2003-121791 A

(1) Inventions relating to Claims 1, 2, 7, 13-15

The inventions described in the documents 1 and 2 relate to a laser projection display, and it is described that, in order to reduce speckles, a polarization stage modulator for modulating the polarization state of laser light is disposed in an optical path.

Further, the invention described in the document 3 relates to an image display device utilizing laser light, and it is described that, in order to reduce speckles, laser light transmitted through a $\lambda/2$ wavelength plate is incident on an optical material having birefringence (refer to Fig.6, [0018], [0089] ~ [0091]).

It is easily conceived that the light beam modulated in the optical path of the laser projection display described in the document 1 or 2 is incident on the optical material having birefringence to reduce speckles.

(2) Inventions relating to Claims 3-6, and 10-11

Since, in [0089] ~ [0091] of the document 3, a multistage is described, it is a design change that can be arbitrarily performed by those skilled in the art.

(3) Inventions relating to Claims 8-9

In [0018] of the document 3, a dielectric crystal and a liquid crystal are exemplified as birefringent materials.

(4) Invention relating to Claim 12

Integration can be arbitrarily performed.